



#11800 -103 2/18/85

PATENT  
Attorney Docket No. 03495.0010-01000  
(PAST-010-A)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
BEFORE THE BOARD OF PATENT APPEALS AND INTERFERENCES

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#23/6  
(NE)

JAN 6 1993

BOARD OF PATENT APPEALS  
AND INTERFERENCES

Group Art Unit: 185

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GROUP 180

In re Application of:

MARC ALIZON ET AL.

Serial No.: 158,652

Filed: February 22, 1988

For: CLONED DNA SEQUENCES  
RELATED TO GENOMIC RNA OF  
HUMAN IMMUNODEFICIENCY  
VIRUS (HIV-I)

Honorable Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Sir:

ALIZON AMENDMENT III: AMENDMENT  
PURSUANT TO 37 C.F.R. §§ 1.633(c)(2),  
1.637(c)(2) AND 1.115

In accordance with the provisions of 37 C.F.R.  
§§ 1.633(c)(2), 1.637(c)(2) and 1.115, Applicants respectfully  
request that the above-captioned application be amended as fol-  
lows:

IN THE CLAIMS:

Kindly add the following new claims:

--112. Isolated recombinant DNA comprising gag gene of LAV.

113. The isolated recombinant DNA of claim 112, wherein said  
DNA comprises the following nucleotide sequence:

CTAGCGGAGGCTAGAAGGAGAGAGATGGGTGCGAGAGCGTCAGTATTAAGCGGGGAGAATTAGAT  
CGATGGGAAAAAATTCGGTTAAGGCCAGGGGGAAAGAAAAAATATAAATTAAACATATAGTATGG

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GCAAGCAGGGAGCTAGAACGATTCGCTGTTAATCCTGGCCTGTTAGAAACATCAGAAGGCTGTAGA  
CAAATACTGGGACAGCTACAACCATCCCTTCAGACAGGATCAGAAGAACTTAGATCATTATATAAT  
ACAGTAGCAACCCTCTATTGTGTGCATCAAAGGATAGAGATAAAAGACACCAAGGAAGCTTTAGAC  
AAGATAGAGGAAGAGCAAAACAAAAGTAAGAAAAAAGCACAGCAAGCAGCAGCTGACACAGGACAC  
AGCAGCCAGGTCAGCCAAAATTACCCTATAGTGCAGAACATCCAGGGGGCAAATGGTACATCAGGCC  
ATATCACCTAGAACTTTAAATGCATGGGTAAAAGTAGTAGAAGAGAAGGCTTTTCAGCCCAGAAGTG  
ATACCCATGTTTTTCAGCATTATCAGAAGGAGCCACCCCAAGATTTAAACACCATGCTAAACACA  
GTGGGGGGACATCAAGCAGCCATGCAAATGTTAAAAGAGACCATCAATGAGGAAGCTGCAGAATGG  
GATAGAGTGCATCCAGTGCATGCAGGGCCTATTGCACCAGGCCAGATGAGAGAACCAAGGGGAAGT  
GACATAGCAGGAAC TACTAGTACCCTTCAGGAACAAATAGGATGGATGACAAATAATCCACCTATC  
CCAGTAGGAGAAATTTATAAAAGATGGATAATCCTGGGATTAAATAAAATAGTAAGAATGTATAGC  
CCTACCAGCATTTCTGGACATAAGACAAGGACCAAAGAACCCTTTAGAGACTATGTAGACCGGTTT  
TATAAAACTCTAAGAGCCGAGCAAGCTTCACAGGAGGTAAAAAATTGGATGACAGAAACCTTGTTG  
GTCCAAAATGCGAACCAGATTGTAAGACTATTTTAAAAGCATTGGGACCAGCAGCTACACTAGAA  
GAAATGATGACAGCATGTCAGGGAGTGGGAGGACCCGGCCATAAGGCAAGAGTTTTGGCTGAAGCA  
ATGAGCCAAGTAACAAATTCAGCTACCATAATGATGCAAAGAGGCAATTTTAGGAACCAAAGAAAG  
ATTGTTAAGTGTTTCAATTGTGGCAAAGAAGGGCACATAGCCAGAAATTGCAGGGCCCCCTAGGAAA  
AAGGGCTGTTGGAAATGTGGAAAGGAAGGACACCAAATGAAAGATTGTACTGAGAGACAGGCTAAT  
TTTTTAGGGAAGATCTGGCCTTCCTACAAGGGAAGGCCAGGGAATTTTCTTCAGAGCAGACCAGAG  
CCAACAGCCCCACCAGAAGAGAGCTTCAGGTCTGGGGTAGAGACAACAAC TCCCTCTCAGAAGCAG  
GAGCCGATAGACAAGGAAGTGTATCCTTTAACTTCCCTCAGATCACTCTTTGGCAACGACCCCTCG  
TCACAA.--

REMARKS

The above-captioned application is involved in Interference  
No. 102,822 with U.S. Patent Application Serial No. 693,866 of  
Chang et al.